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INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

(use as many sheets as necessary)

Application Number	09/613,508
Filing Date	July 10, 2000
First Named Inventor	He et al.
Group Art Unit	1653
Examiner Name	Bugaisky, G.
Attorney Docket Number	PF140P1D1

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	09/913,293		ROSEN et al.	NOT PUBLISHED	pages 1-75 (pages 1 & 2 partially redacted); portion of Table 2; and SEQ ID NOS:103167, 179522, 187075, and 202317
	AB	09/913,292		ROSEN et al.	NOT PUBLISHED	pages 1-75 (pages 1 & 2 partially redacted); portion of Table 2; and SEQ ID NO:14507
	AC	5,532,536		NICHOLSON et al.	09-03-96	

FOREIGN PATENT DOCUMENTS

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	AD		WO96/33268		MERCK & CO., INC. et al.	10-24-96		
	AE		EP 0 533 226		MERCK & CO., INC.	03-24-93		
	AF		CA 2075662		MERCK & CO., INC.	02-17-93		

OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS

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	AG	GeneSeq Accession No. T66992 (08-05-97) IDUN PHARM., INC. et al., "Apototic protease Mch3-alpha cDNA"	
	AH	GeneSeq Accession No. T66970 (07-21-97) VERTEX PHARM., INC., "Cysteine protease CMH-1 cDNA"	
	AI	GeneSeq Accession No. T66993 (08-05-97) IDUN PHARM., INC., "Cysteine protease Mch3-beta cDNA"	
	AJ	GeneSeq Accession No. W15247 (07-21-97) VERTEX PHARM., INC., "Cysteine protease CMH-1"	
	AK	GeneSeq Accession No. W15262 (08-05-97) IDUN PHARM., INC., "Apototic protease Mch3-alpha"	
	AL	GeneSeq Accession No. W15263 (08-05-97) IDUN PHARM., INC., "Cysteine protease Mch3-beta"	
	AM	GenBank Accession No. U39613 (01-19-96) DUAN et al., "Human cysteine protease ICE-LAP3 mRNA"	
	AN	GenBank Accession No. U37448 (12-14-95) FERNANDES-ALNEMRI et al., "Human Mch3 isoform alpha (Mch3) mRNA"	
	AO	GenBank Accession No. U40281 (01-27-96) LIPPKK et al., "Human cysteine protease CMH-1 mRNA"	

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	AP	GenBank Accession No. U67319 (03-19-97) JUAN et al., "Human Lice2 beta cysteine protease mRNA"	
	AQ	GenBank Accession No. U67320 (03-19-97) JUAN et al., "Human Lice2 gamma cysteine protease mRNA"	
	AR	GenBank Accession No. U37449 (12-14-95) FERNANDES-ALNEMRI et al., "Human Mch3 isoform beta (Mch3) mRNA"	
	AS	GenBank Accession No. H91868 (11-29-95) HILLIER et al., "ys81a06.rl Soares retina N2b4HR Homo sapiens cDNA clone IMAGE:221170 5' similar to SP:A49429 A49429 CED-3+INTERLEUKIN-1 BETA-CONVERTING ENZYME HOMOLOG - CAENORHABDITIS ;, mRNA sequence"	
	AT	GeneSeq Accession No. V05471 (07-02-98) UNIV. MICHIGAN, "Nucleic acid encoding a protein designated YAMA"	
	AU	GeneSeq Accession No. F33567 (12-06-96) UNIV. MICHIGAN, "Pro-Yama cDNA"	
	AV	GeneSeq Accession No. V32608 (10-26-98) MERCK FROSST CANADA, INC., "Mutant human apopain (caspase-3) pro-enzyme cDNA"	
	AW	GeneSeq Accession No. V32615 (10-26-98) MERCK FROSST CANADA, INC., "Mutant human apopain (caspase-3) pro-enzyme cDNA"	
	AX	GeneSeq Accession No. W00677 (12-06-96) UNIV. MICHIGAN, "Pro-Yama"	
	AY	GeneSeq Accession No. W00372 (06-26-97) MERCK & CO., INC. et al., "Apopain CPP32beta proenzyme"	
	AZ	GeneSeq Accession No. W41688 (07-02-98) UNIV. MICHIGAN, "Amino acid sequence of a protein designated YAMA"	
	BA	GeneSeq Accession No. W16600 (06-26-97) MERCK & CO., INC. et al., "Apopain CPP32a proenzyme"	
	BB	GeneSeq Accession No. W48945 (10-26-98) MERCK FROSST CANADA, INC., "Mutant human apopain (caspase-3) C163S pro-enzyme"	
	BC	GeneSeq Accession No. W48937 (10-26-98) MERCK FROSST CANADA, INC., "Mutant human apopain (caspase-3) C163S pro-enzyme"	

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
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				Examiner Name		Bugaisky, G.	
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	BD	GenBank Accession No. U26943 (08-29-95) TEWARI et al., "Human cysteine protease Yama mRNA"					
	BE	GenBank Accession No. U13737 (04-14-95) FERNANDES-ALNEMRI et al., "Human cysteine protease CPP32 isoform alpha mRNA"					
	BF	GenBank Accession No. U13738 (04-14-95) FERNANDES-ALNEMRI et al., "Human cysteine protease CPP32 isoform beta mRNA"					
	BG	GenBank Accession No. T10841 (06-07-94) SOARES et al., "seq1254 b4HB3MA Cot8-HAP-Ft Homo sapiens cDNA clone b4HB3MA-COT8-HAP-Ft280 5' similar to similar to Human Cysteine proteinase and to Mouse interleukin-1-beta convertase, mRNA sequence"					
	BH	GenBank Accession No. H29199 (07-17-95) HILLIER et al., "ym31f1 l.r.l Soares infant brain 1N1B Homo sapiens cDNA clone IMAGE:49729 5' similar to SP:A49429 A49429 CED-3=INTERLEUKIN-1 BETA-CONVERTING ENZYME HOMOLOG - CAENORHABDITIS ;, mRNA sequence"					
	BI	GenBank Accession No. N85243 (04-01-96) LIEW, C.C., "J2957F Human fetal heart, Lambda ZAP Express Homo sapiens cDNA clone J2957 5' similar to CYSTEINE PROTEASE CPP32, mRNA sequence"					
	BJ	CERRETTI et al., "Molecular Cloning of the Interleukin-1 β -Converting Enzyme," <i>Science</i> , 256:97-100 (04-03-92).					
	BK	WALKER et al., "Crystal Structure of the Cysteine Protease Interleukin-1 β -Converting Enzyme: A (p20/p10), Homodimer," <i>Cell</i> , 78:343-352 (07-29-94), Cell Press.					
	BL	WANG et al., "Ich-1, an Ice/ced-3-Related Gene, Encodes Both Positive and Negative Regulators of Programmed Cell Death," <i>Cell</i> , 78:739-750 (09-09-94), Cell Press.					
	BM	HENKART, P., "ICE Family Proteases: Mediators of All Apoptotic Cell Death?," <i>Immunity</i> , 4:195-201 (03-96), Cell Press.					
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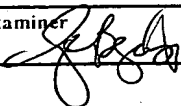
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIP Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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	BN	KAMENS et al., "Identification and Characterization of ICH-2, a Novel Member of the Interleukin-1 β -converting Enzyme Family of Cysteine Proteases," <i>J. Biol. Chem.</i> , 270(25):15250-15256 (1995). The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.				
	BO	MUNDAY et al., "Molecular Cloning and Pro-apoptotic Activity of ICE _{rel} II and ICE _{rel} III, Members of the ICE/CED-3 Family of Cysteine Proteases," <i>J. Biol. Chem.</i> , 270(26):15870-15876 (1995). The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.				
	BP	TEWARI et al., "Yama/CPP32 β , a Mammalian Homolog of CED-3, Is a CrmA-Inhibitable Protease That Cleaves the Death Substrate Poly(ADP-Ribose) Polymerase," <i>Cell</i> , 81:801-809 (1995), Cell Press.				
	BQ	FAUCHEU et al., "A novel human protease similar to the interleukin-1 β converting enzyme induces apoptosis in transfected cells," <i>The EMBO Journal</i> , 14(9):1914-1922 (1995).				
	BR	GREENFEDER et al., "Molecular Cloning and Characterization of a Second Subunit of the Interleukin 1 Receptor Complex," <i>J. Biol. Chem.</i> , 270(23):13757-13765 (06-09-95), The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.				
	BS	MIURA et al., "Induction of Apoptosis in Fibroblasts by IL-1 β -Converting Enzyme, a Mammalian Homolog of the <i>C. elegans</i> Cell Death Gene <i>ced-3</i> ," <i>Cell</i> , 75:653-660 (11-19-93), Cell Press.				
	BT	FERNANDES-ALNEMRI et al., "CPP32, a Novel Human Apoptotic Protein with Homology to <i>Caenorhabditis elegans</i> Cell Death Protein Ced-3 and Mammalian Interleukin-1 β -converting Enzyme," <i>J. Biol. Chem.</i> , 269(49):30761-30764, (12-09-94), The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.				
	BU	ELLIS et al., "Mechanisms and Functions of Cell Death," <i>Annu. Rev. Cell Biol.</i> , 7:663-698 (1991), Annual Reviews Inc.				
	BV	BARINAGA M., "Cell Suicide: By ICE, Not Fire," <i>Science</i> , 263:754-756 (02-11-94).				
	BW	CALLARD et al., "The Cytokine Facts Book," New York: Academic Press (1994), p. 31.				
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